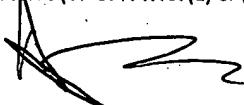


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER SHN-122-A U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/521337
INTERNATIONAL APPLICATION NO. PCT/EP2003/006401	INTERNATIONAL FILING DATE June 18, 2003	PRIORITY DATE CLAIMED July 18, 2002
TITLE OF INVENTION DEVICE FOR CONTROLLING THE TEMPERATURE OF OBJECTS		
APPLICANT(S) FOR DO/EO/US Martin Doll		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). </p> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). </p> <p>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unSigned)</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825.</p> <p>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input type="checkbox"/> Other items or information:</p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/521337		INTERNATIONAL APPLICATION NO. PCT/EP2003/006401		ATTORNEY'S DOCKET NUMBER SHN-122-A	
21. The following fees are submitted:				Applicant use	Office use only
<input checked="" type="checkbox"/> a) Basic national fee..... \$300.00 <input checked="" type="checkbox"/> b) Examination fee..... \$200.00 <input checked="" type="checkbox"/> c) Search fee..... \$500.00 TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$ 300.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.				\$ 200.00	
<input type="checkbox"/> Total Sheets Extra sheets Number of each additional 50 or fraction thereof (round up to a whole number)				RATE	
- 100 = /50 =				x \$250.00	\$
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$ 130.00	
CLAIMS NUMBER FILED NUMBER EXTRA				RATE	\$
Total claims - 20 =				x \$50.00	\$
Independent claims - 3 =				x \$200.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00	\$
TOTAL OF ABOVE CALCULATIONS = \$ 1,130.00					
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by ½.				\$	
				SUBTOTAL = \$ 1,130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ 130.00	
				TOTAL NATIONAL FEE = \$ 1,260.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				TOTAL FEES ENCLOSED = \$ 1,260.00	
				Amount to be refunded:	\$
				Amount to be charged:	\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>1,260.00</u> to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>25-0115</u> . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Andrew R. Basile, Sr. YOUNG & BASILE, P.C. 3001 W. Big Beaver Rd. Suite 624 Troy, MI 48084					
 SIGNATURE					
<u>Andrew R. Basile, Sr.</u> NAME <u>24,753</u> REGISTRATION NUMBER					

10/521337

THOMAS N. YOUNG
ANDREW R. BASILE
WILLIAM M. HANLON, JR.
MARSHALL G. MACFARLANE
THOMAS D. HELMHOLDT
TODD L. MOORE
THOMAS E. BEJIN
CHRISTOPHER A. MITCHELL
CHRISTIAN J. GARASCIA
DONALD L. WOOD
KATHLEEN G. MELLON
DARLENE P. CONDRA
MOLLY BASILE MARKLEY
AMANDA CONTI DUHAIME
MICHELLE L. KNIGHT
JAMES L. COX II
DANIEL J. CHECKOWSKY
DANIEL J. KELLY
MICHAEL D. JONES
DENISE M. GLASSMEYER, OF COUNSEL

LAW OFFICES
YOUNG & BASILE, P.C.

YOUNG, BASILE, HANLON,
MACFARLANE, WOOD & HELMHOLDT, P.C.

PATENTS, TRADEMARKS AND COPYRIGHTS

3001 WEST BIG BEAVER ROAD
SUITE 624

TROY, MICHIGAN 48084-3107

TELEPHONE (248) 649-3333
FACSIMILE (248) 649-3338
www.ybpc.com

DT12 Rec'd PCT/PTO 12 JAN 2005
2001 COMMONWEALTH BLVD.
SUITE 301
ANN ARBOR, MI 48105-1562
TELEPHONE (734) 662-0270
FACSIMILE (734) 662-1014
DUNCAN F. BEAMAN, OF COUNSEL
(517) 787-4511

MT. CLEMENS
(586) 469-1141

GRAND RAPIDS
(616) 942-2324

DAVID B. EHRLINGER (1920-2000)
TOWNSEND F. BEAMAN (1931-1983)

January 12, 2005

Attorney's Docket: SHN-122-A

EV611723686US

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Enclosed please find an application for U.S. Patent as identified below.

Inventor: Martin Doll

Invention: DEVICE FOR CONTROLLING THE TEMPERATURE OF
OBJECTS

and including: Postcard; Transmittal Letter to the United States
Designated/Elected Office (PTO Form 1390); an unsigned Combined Declaration and Power of
Attorney; and an Application Data Sheet.

Filing Fee: \$1,260.00

Please charge any deficiency or credit any excess in the enclosed fees to Deposit
Account No. 25-0115.



Darlene P. Condra
Attorney for Applicant
Registration No. 37113
(248) 649-3333

YOUNG & BASILE, P.C.
3001 West Big Beaver Road
Suite 624
Troy, MI 48084-3107